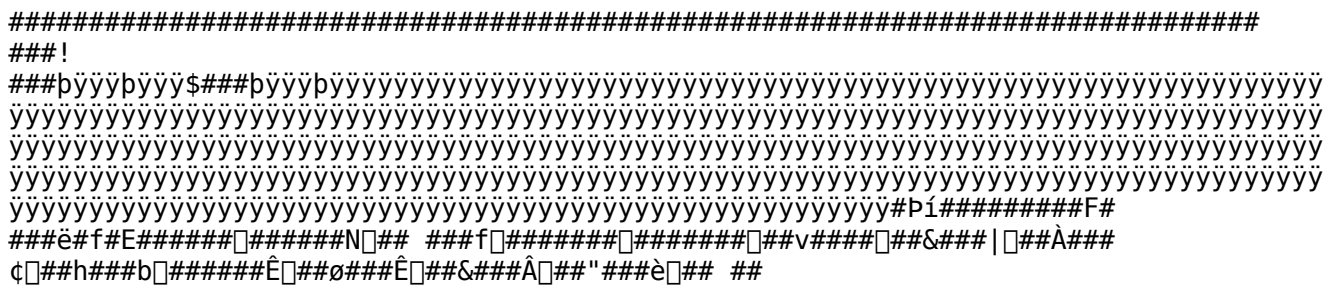

##ÿÿ#####ÿ¥#ÿÿ#d#########d###########□ObjectivesThe ACTD will utilize sensors, reliable near real time communications paths, and capable workstations to increase the value of Unattended Ground Sensors (UGS) on the battlefield. The missions that will be addressed are the measurement of local weather conditions and the detection of deep time-critical targets.Technology UGS are available from a number of DoD agencies. These UGS will be integrated into a coherent ensemble for use on the battlefield. New sensor concepts will also be developed, such as the miniaturization and repackaging of existing UGS. Lead Service and User SponsorsThe User Sponsors for this ACTD will be CENTCOM and SOCOM. The acquisition agents are DARPA, the Central MASINT Office (CMO), and SOCOM. The lead Service will be the Air Force.ScheduleEnvironmental characterization is planned for FY97 to FY98. Deep target prosecution evaluation is scheduled for FY97 to FY99.V#

```
#ÿÿÿÿ#########□###□###########
#####□#□########### #¾#¡#À#9psecurrentpoint/picTop exch def/picLeft exch defpsb
### #¿#"#□#□### #¾#¡#À#=psecurrentpoint/picBottom exch def/picRight exch defpsb
### #¿# #¾#¡#À##[ -151 -51 747 847]#¡#À#Û1 dict begin /s exch defpicLeft picTop
translatepicRight picLeft sub s 2 get s 0 get sub divpicBottom picTop sub s 1 get
s 3 get sub divscales 0 get neg s 3 get neg translateend/showpage {} def/copypage
{} def###¡#À #%!PS-Adobe-3.0 EPSF-3.0%%Creator: Adobe Illustrator(TM) 3.2%%For:
(Homer S.) (Springfield Power)%%Title: (DoDseal.ai)%%CreationDate: (7/1/93) (11:25
AM)%%BoundingBox: -151 -51 747 847%%DocumentProcessColors: Black%
%DocumentSuppliedResources: procset Adobe_packedarray 2.0 0%%+ procset
Adobe_cmykcolor 1.1 0%%+ procset Adobe_cshow 1.1 0%%+ procset Adobe_customcolor
1.0 0%%+ procset Adobe_IllustratorA_AI3 1.0 1%AI3_ColorUsage: Color%
%DocumentCustomColors: (P3)%%+ (P42)%%+ (PANTONE 122 CV)%%+ (PANTONE 186 CV)%%+
(PANTONE 282 CV)%%+ (PANTONE 299 CV)%%+ (PANTONE 361 CV)%%+ (PANTONE 364 CV)%%+
(PANTONE 387 CV)%%+ (PANTONE 463 CV)%%+ (SOLID BLACK)%%CMYKCustomColor: 0.03 0.1
0.9 0 (P3)%%+ 0.2 0.4 0.9 0 (P42)%%+ 0 0.185 0.83 0 (PANTONE 122 CV)%%+ 0 0.91
0.76 0.06 (PANTONE 186 CV)%%+ 1 0.72 0 0.56 (PANTONE 282 CV)%%+ 0.87 0.185 0 0
(PANTONE 299 CV)%%+ 0.38 0 0.51 0 (PANTONE 359 CV)%%+ 0.6 0 0.79 0 (PANTONE 360
CV)%%+ 0.76 0 0.91 0 (PANTONE 361 CV)%%+ 0.72 0 1 0.43 (PANTONE 364 CV)%%+ 0.115 0
0.76 0 (PANTONE 387 CV)%%+ 0.6 0.65 1 0 (PANTONE 463 CV)%%+ 1 1 1 1 (SOLID BLACK)
%AI3_TemplateBox: 306 396 306 396%AI3_TileBox: -202 -396 814 1188
%AI3_DocumentPreview: Macintosh_ColorPic%%EndComments%%BeginProlog%%BeginResource:
procset Adobe_packedarray 2.0 0%%Title: (Packed Array Operators)%%Version: 2.0 %
%CreationDate: (8/2/90) ()%%Copyright: ((C) 1987-1990 Adobe Systems Incorporated
All Rights Reserved)userdict /Adobe_packedarray 5 dict dup begin put/initialize
            % - initialize -{/packedarray where {     pop   }     {
      Adobe_packedarray begin Adobe_packedarray       {           dup xcheck
      {                 bind              } if        userdict 3 1 roll put
      } forall    end   } ifelse} def/terminate            % - terminate -{}
def/packedarray         % arguments count packedarray array{array astore readonly}
def/setpacking                % boolean setpacking -{pop} def/currentpacking
      % - setpacking boolean{false} defcurrentdict readonly pop end%%EndResource
Adobe_packedarray /initialize get exec%%BeginResource: procset Adobe_cmykcolor 1.1
0%%Title: (CMYK Color Operators)%%Version: 1.1 %%CreationDate: (1/23/89) ()%
%Copyright: ((C) 1987-1990 Adobe Systems Incorporated All Rights Reserved)
currentpacking true setpackinguserdict /Adobe_cmykcolor 4 dict dup begin
put/initialize                % - initialize -{/setcmykcolor where     {     pop
      }     {     userdict /Adobe_cmykcolor_vars 2 dict dup begin put
      /_setrgbcolor           /setrgbcolor load def   /_currentrgbcolor
      /currentrgbcolor load def     Adobe_cmykcolor begin   Adobe_cmykcolor
      {           dup xcheck              {                 bind              } if
      pop pop           } forall    end   end   Adobe_cmykcolor begin   } ifelse}
def/terminate                 % - terminate -{currentdict Adobe_cmykcolor eq {
      end   } if} def/setcmykcolor        % cyan magenta yellow black setcmykcolor
-{1 sub 4 1 roll3 {     3 index add neg dup 0 lt            {           pop 0
      } if  3 1 roll    } repeatAdobe_cmykcolor_vars /_setrgbcolor get execpop} def
/currentcmykcolor % - currentcmykcolor cyan magenta yellow black{
Adobe_cmykcolor_vars /_currentrgbcolor get exec3     {     1 sub neg 3 1 roll
      } repeat0} defcurrentdict readonly pop endsetpacking%%EndResource%
%BeginResource: procset Adobe_cshow 1.1 0%%Title: (cshow Operator)%%Version: 1.1 %
%CreationDate: (1/23/89) ()%%Copyright: ((C) 1987-1990 Adobe Systems Incorporated
All Rights Reserved)currentpacking true setpackinguserdict /Adobe_cshow 3 dict dup
begin put/initialize                % - initialize -{/cshow where {     pop   }
      {     userdict /Adobe_cshow_vars 1 dict dup begin put/_cshow            % -
_cshow proc       {} def      Adobe_cshow begin Adobe_cshow       {           dup
xcheck                  {                 bind              } if        userdict 3 1
roll put          } forall    end   end   } ifelse} def/terminate            % -
terminate -{} def/cshow                   % proc string cshow -{exch
```

```
Adobe_cshow_vars  exch /_cshow      exch put    {     0 0 Adobe_cshow_vars /_cshow
get exec    } forall} defcurrentdict readonly pop endsetpacking%%EndResource%
%BeginResource: procset Adobe_customcolor 1.0 0%%Title: (Custom Color Operators)%
%Version: 1.0 %%CreationDate: (5/9/88) ()%%Copyright: ((C) 1987-1990 Adobe Systems
Incorporated All Rights Reserved)currentpacking true setpackinguserdict
/Adobe_customcolor 5 dict dup begin put/initialize              % - initialize -{
/setcustomcolor where   {     pop   }     {     Adobe_customcolor begin
      Adobe_customcolor      {           dup xcheck            {
      bind              } if       pop pop          } forall    end
      Adobe_customcolor begin } ifelse} def/terminate            % - terminate -{
currentdict Adobe_customcolor eq   {     end   } if} def/findcmykcustomcolor % cyan
magenta yellow black name findcmykcustomcolor object{5 packedarray}
def/setcustomcolor           % object tint setcustomcolor -{exchaload pop pop4
      {     4 index mul 4 1 roll    } repeat5 -1 roll popsetcmykcolor}
def/setoverprint       % boolean setoverprint -{pop} defcurrentdict readonly pop
endsetpacking%%EndResource%%BeginResource: procset Adobe_IllustratorA_AI3 1.0 2%
%Title: (Adobe Illustrator (R) Version 3.0 Abbreviated Prolog)%%Version: 1.0 %
%CreationDate: (7/22/89) ()%%Copyright: ((C) 1987-1990 Adobe Systems Incorporated
All Rights Reserved)currentpacking true setpackinguserdict /Adobe_IllustratorA_AI3
61 dict dup begin put% initialization/initialize                      % -
initialize -{% 47 vars, but leave slack of 10 entries for custom Postscript
fragmentsuserdict /Adobe_IllustratorA_AI3_vars 57 dict dup begin put% paint
operands/_lp /none def/_pf {} def/_ps {} def/_psf {} def/_pss {} def/_pjsf {} def
/_pjss {} def/_pola 0 def/_doClip 0 def% paint operators/cf      currentflat def
      % - cf flatness% typography operands/_tm matrix def/_renderStart [/e0 /r0
/a0 /o0 /e1 /r1 /a1 /i0] def /_renderEnd [null null null null /i1 /i1 /i1 /i1] def
/_render -1 def/_rise 0 def/_ax 0 def               % x character spacing   (_ax,
_ay, _cx, _cy follows awidthshow naming convention)/_ay 0 def               % y
character spacing/_cx 0 def              % x word spacing/_cy 0 def
      % y word spacing/_leading [0 0] def/_ctm matrix def/_mtx matrix def/_sp
16#020 def/_hyphen (-) def/_fScl 0 def/_cnt 0 def/_hs 1 def/_nativeEncoding 0 def
/_useNativeEncoding 0 def/_tempEncode 0 def/_pntr 0 def/_tDict 2 dict def%
typography operators/Tx {} def/Tj {} def% compound path operators/CRender {} def%
printing/_AI3_savepage {} def% color operands/_gf null def/_cf 4 array def/_if
null def/_of false def/_fc {} def/_gs null def/_cs 4 array def/_is null def/_os
false def/_sc {} def/_i null defAdobe_IllustratorA_AI3 beginAdobe_IllustratorA_AI3
      {     dup xcheck       {           bind       } if  pop pop     } forallend
endAdobe_IllustratorA_AI3 beginAdobe_IllustratorA_AI3_vars beginnewpath}
def/terminate                      % - terminate -{endend} def% definition
operators/_                        % - _ nullnull def/ddef                  % key
value ddef -{Adobe_IllustratorA_AI3_vars 3 1 roll put} def/xput
      % key value literal xput -{dup load dup length exch maxlength eq {     dup
dup load dup      length 2 mul dict copy def    } ifload begin def end} def/npop
                 % integer npop -{ {     pop   } repeat} def% marking operators/sw
                       % ax ay string sw x y {dup length exch stringwidthexch 5 -1
roll 3 index 1 sub mul add4 1 roll 3 1 roll 1 sub mul add} def/swj
      % cx cy fillchar ax ay string swj x y{dup 4 1 rolldup length exch
stringwidth exch 5 -1 roll 3 index 1 sub mul add4 1 roll 3 1 roll 1 sub mul add 6
2 roll /_cnt 0 ddef{1 index eq {/_cnt _cnt 1 add ddef} if} forall popexch _cnt mul
exch _cnt mul 2 index add 4 1 roll 2 index add 4 1 roll pop pop} def/ss
                 % ax ay string matrix ss -{4 1 roll {                      %
matrix ax ay char 0 0 {proc} -      2 npop      (0) exch 2 copy 0 exch put pop
      gsave false charpath currentpoint   4 index setmatrix stroke      grestore
      moveto      2 copy rmoveto    } exch cshow3 npop} def/jss
      % cx cy fillchar ax ay string matrix jss -{4 1 roll  {
      % cx cy fillchar matrix ax ay char 0 0 {proc} -      2 npop      (0) exch 2
copy 0 exch put   gsave _sp eq           {           exch 6 index 6 index 6 index
5 -1 roll widthshow          currentpoint           }           {           false
```

```
      % gray g -{/_gf exch ddef/_fc{ _lp /fill ne    {     _of setoverprint  _gf
setgray     /_lp /fill ddef   } if} ddef/_pf{_fcfill} ddef/_psf{_fcashow}
ddef/_pjsf{_fcawidthshow} ddef/_lp /none ddef} def/G                       % gray
G -{/_gs exch ddef/_sc{_lp /stroke ne    {     _os setoverprint  _gs setgray
      /_lp /stroke ddef } if} ddef/_ps{_scstroke} ddef/_pss{_scss} ddef/_pjss{_sc
jss} ddef/_lp /none ddef} def/k                             % cyan magenta yellow
black k -{_cf astore pop/_fc{_lp /fill ne{     _of setoverprint  _cf aload pop
setcmykcolor     /_lp /fill ddef   } if} ddef/_pf{_fcfill} ddef/_psf{_fcashow}
ddef/_pjsf{_fcawidthshow} ddef/_lp /none ddef} def/K                       % cyan
magenta yellow black K -{_cs astore pop/_sc{_lp /stroke ne {     _os setoverprint
      _cs aload pop setcmykcolor   /_lp /stroke ddef } if} ddef/_ps{_scstroke}
ddef/_pss{_scss} ddef/_pjss{_scjss} ddef/_lp /none ddef} def/x
      % cyan magenta yellow black name gray x -{/_gf exch ddeffindcmykcustomcolor
/_if exch ddef/_fc{ _lp /fill ne   {     _of setoverprint  _if _gf 1 exch sub
setcustomcolor    /_lp /fill ddef   } if} ddef/_pf{_fcfill} ddef/_psf{_fcashow}
ddef/_pjsf{_fcawidthshow} ddef/_lp /none ddef} def/X                       % cyan
magenta yellow black name gray X -{/_gs exch ddeffindcmykcustomcolor/_is exch ddef
/_sc{_lp /stroke ne    {     _os setoverprint  _is _gs 1 exch sub setcustomcolor
      /_lp /stroke ddef } if} ddef/_ps{_scstroke} ddef/_pss{_scss} ddef/_pjss{_sc
jss} ddef/_lp /none ddef} def% locked object operator/A
      % value A -{pop} defcurrentdict readonly pop endsetpacking% annotate page
operator/annotatepage{} def%%EndResource%%EndProlog%%BeginSetupAdobe_cmykcolor
/initialize get execAdobe_cshow /initialize get execAdobe_customcolor /initialize
get execAdobe_IllustratorA_AI3 /initialize get exec%%EndSetup0 Au0 O1 0.72 0 0.56
(PANTONE 282 CV) 0 x0 R0.2 0.4 0.9 0 (P42) 0 X0 i 0 J 0 j 16 w 4 M []0 d%AI3_Note:
0 D298.0201 -17.4745 m527.477 -17.4745 713.4946 168.5431 713.4946 398 c713.4946
627.4569 527.477 813.4745 298.0201 813.4745 c68.5632 813.4745 -117.4544 627.4569
-117.4544 398 c-117.4544 168.5431 68.5632 -17.4745 298.0201 -17.4745 cb298.0201
398 mBUu0.87 0.185 0 0 (PANTONE 299 CV) 0 x12 w298 61.981 m483.5754 61.981 634.019
212.4246 634.019 398 c634.019 583.5754 483.5754 734.019 298 734.019 c112.4246
734.019 -38.019 583.5754 -38.019 398 c-38.019 212.4246 112.4246 61.981 298 61.981
cb298 398 mBUu0.03 0.1 0.9 0 (P3) 0 x1 w303.8571 681.9919 m318.8656 682.1652 L
306.8408 673.2075 L311.6899 659.042 L299.4084 667.6553 L287.4808 658.7209 L
291.8311 673.0082 L279.6943 681.646 L294.5804 681.8688 L299.0911 696.1358 L
303.8571 681.9919 Lf0.2 0.4 0.9 0 (P42) 0 x279.6819 681.6473 m299.3645 675.542 l
287.5185 658.7754 l291.8013 673.0817 l279.6819 681.6473 lf299.0911 696.1358 m
299.2734 675.542 l294.6261 681.9207 l299.0911 696.1358 lf303.8295 682.0118 m
303.7384 682.0118 299.2734 675.542 299.3645 675.542 c299.4556 675.542 318.7737
682.194 y303.8295 682.0118 lf299.3645 675.542 m299.3645 667.6143 l311.575 659.1399
l299.3645 675.542 lf0 R0.115 0 0.76 0 (PANTONE 387 CV) 0 X1 J280.449 681.4434 m
299.268 675.6529 lS287.9204 659.3861 m299.2429 675.4944 lS311.2068 659.6755 m
299.3858 675.4216 lS318.1275 681.9115 m299.4992 675.5351 lS299.1186 695.3648 m
299.4264 675.678 lSUu0 O0.03 0.1 0.9 0 (P3) 0 x0 J251.9214 677.678 m266.6342
680.6475 L256.4911 669.6042 L263.8971 656.5917 L250.2246 662.7632 L240.1727
651.761 L241.7819 666.6089 L228.2471 672.8316 L242.8304 675.8269 L244.6011
690.6849 L251.9214 677.678 Lf0.2 0.4 0.9 0 (P42) 0 x228.2347 672.8305 m248.7106
670.5034 l240.1996 651.8216 l241.7389 666.6756 l228.2347 672.8305 lf244.6011
690.6849 m248.621 670.4864 l242.8656 675.8863 l244.6011 690.6849 lf251.8906
677.6923 m251.8011 677.6754 248.621 670.4864 248.7106 670.5034 c248.8001 670.5204
266.5385 680.6586 y251.8906 677.6923 lf248.7106 670.5034 m250.1891 662.7148 l
263.7659 656.6664 l248.7106 670.5034 lf0 R0.115 0 0.76 0 (PANTONE 387 CV) 0 X1 J
229.0264 672.7733 m248.595 670.5943 lS240.4805 652.4965 m248.5999 670.4339 lS
263.3043 657.124 m248.754 670.3891 lS265.9563 680.2606 m248.8442 670.5217 lS
244.7718 689.9325 m248.746 670.6485 lSUu0 O0.03 0.1 0.9 0 (P3) 0 x0 J201.5326
664.5493 m215.4335 670.2108 L207.5279 657.4695 L217.231 646.0666 L202.6473
649.5798 L194.8238 636.8959 L193.6356 651.7834 L179.1776 655.3724 L192.9465
661.0352 L191.9149 675.9626 L201.5326 664.5493 Lf0.2 0.4 0.9 0 (P42) 0 x179.1656
655.3691 m199.7163 656.9017 l194.8389 636.9604 l193.5809 651.8409 l179.1656
```